NO:NEWZ/BBMP/DD/2019-20 Date:-29-01-2020

To,
The Executive Engineer,
Dasarahaali Division
Hesaraghatta Main Road
Bangalore-560073

"PMC CERTIFICATE AND INSPECTION REPORT"

Dear Sir,

Subject: Regarding Inspection Report for the below mentioned work.

Name of Work: Improvements of CC drains & Covering Slab KK road 2nd and 3rd cross Dasarahalli Ward No-15			
Item No	Description of work	Unit	Qty
1	KSRRB 300-3. Earthwork excavation by manual means for roads, drains & similar works in ordinary soil involving , excavated surface leveled & sides neatly dressed ,	Cum	408.54
2	KSRRB M2100-10. Providing and laying Plain cement concrete of mix 1:3:6 with OPC @ 220kgs, with crushed 40mm and down size graded granite metal coarse	Cum	42.96
3	Providing and laying plain/reinforced cement concrete for side drains using M20 nominal mix concrete with OPC at 300 kgs. with 20mm and down size granite metal	Cum	125.36
4	Supplying and Fixing pre cast Reinforced Concrete Slab 10cm thick, including cost of reinforcement as per design and drawing,materials cost,transportation,hire charges	Sqm	311.49
5	Supplying, fitting and placing TMT bar reinforcement in sub-structure complete as per drawing and Technical Specifications complete as per specificationsMORTH	Tonne	8.80
6	Disposal of debris to the final place of disposal with all lead and lift and as direction by the engineer in charge of the work,lead 4km a) basic rate for haulage of materials	Cum	408.54

With respect to the above subject & name of the work, we have inspected the work and the Quantity and Quality of above mentioned items of the work was found to be completed satisfactorily for the 1st and Final bill

Thanking you,

With Regards,

For Newzen Consultants Bangalore

NEWZEN CONSULTANT BANGALORE

AE-1

NEWZEN CONSULTANT BANGALORE, #13,10TH MAIN ROAD 2ND CROSS JNANAJYOTHI NAGARA,
JNANABHARATHI, BANGALORE-560056. CELL NO: +91 8792620231, 080 23240187
EMAIL:newzen576@gmail.com

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NC/PMC/PD/MW-13/2018-19/AS-C1

Date: 10-12-2019

1. TEST REPORT ON CEMENT:

Sub: Testing of 53 Grade Cement Sample (IS 12269-1987).
{Project*: Improvements of CC drains & Covering Slab KK road 2nd and 3rd cross Dasarahalli Ward No-15.}
Ref.: Material testing/PMC/19-20,
Report Required for: Assistant Executive Engineer,
T. Dasarahalli Sub Division, Dasarahalli Zone,
BBMP, Bangalore.
Name of the Agency/Contractor*: Sri. Umesh. N, Bangalore.

PHYSICAL TESTS ON CEMENT

Grade * : 53,
Type * : O.P.C

TABLE 1.1:

SL No	Name of Test	Test Results	Requirements as per IS 8112-1989
1	Initial setting time	**161 min**	Shall not be less than 30 min
2	Final setting time	**280 min**	Shall not be more than 600 min
3	Fineness (by dry sieving on IS 90 micron sieve)	**1.96 %**	Not to exceed 10.0%
4	Soundness test(by Le-Chatelier's method)	**1.88 mm**	Shall not be more than 10 mm
5	Compressive strength a) 3 days (average of three results)	**28.04 N/Sq mm**	Shall not be less than 27 N/Sqmm

For Newzen Consultants Bangalore
Proprietor

NEWZEN CONSULTANT BANGALORE, #13,10TH MAIN ROAD 2ND CROSS JNANAJYOTHI NAGARA,
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NC/PMC/PD/MW-13/2018-19/AS-PCC1 **Date: 10-12-2019**

1. TESTING OF COARSE AND FINE AGGREGATES:

Sub: Testing of Coarse and Fine aggregates to be used for M-10 grade concrete .

{Project*: Improvements of CC drains & Covering Slab KK road 2nd and 3rd cross Dasarahalli Ward No-15.}

Ref.: Material testing/PMC/19-20,

Report Required for: Assistant Executive Engineer,
T. Dasarahalli Sub Division, Dasarahalli Zone,
BBMP, Bangalore.

Name of the Agency/Contractor*: Sri. Umesh. N, Bangalore.

1. COARSE AGGRGATES Table - SIEVE ANALYSIS :

IS Sieve Size, mm	Percentage passing	Requirements as per IS 383-1970 (Reaffirmed on 2007) % Passing	
	40 mm Sample	Single size	Graded
40mm	**95.80**	85-100	95 – 100
20mm	**61.35**	0 -20	30- 70
10mm	**24.95**	0 -5	10- 35
4.75mm	**3.40**	------	0- 5

2. FINE AGGREGATES TABLE - SIEVE ANALYSIS :

IS Sieve Size, mm	Percentage Passing	Specification as Per IS: 383-1970(Reaffirmed 2002) Percentage Passing			Remarks
		Zone-I	Zone-II	Zone –III	
04.75	**96.25**	90-100	90-100	90-100	The Sample Conforms to Grading **Zone-II**
02.36	**83.10**	60-95	75-100	85-100	
01.18	**58.65**	30-70	55-90	75-100	
600. mic	**42.70**	15-34	35-59	60-79	
300.mic	**17.95**	5-20	8-30	12-40	
150.mic	**7.40**	0-10	0-10	0-10	

For Newzen Consultants Bangalore

Proprietor

NEWZEN CONSULTANT BANGALORE, #13,10TH MAIN ROAD 2ND CROSS JNANAJYOTHI NAGARA,
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EMAIL:newzen576@gmail.com

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NC/PMC/PD/MW-13/2018-19/AS-C2 Date: 13-12-2019

1. TEST REPORT ON CEMENT:

Sub: Testing of 53 Grade Cement Sample (IS 12269-1987).
{Project*: Improvements of CC drains & Covering Slab KK road 2nd and 3rd cross Dasarahalli Ward No-15.}
Ref.: Material testing/PMC/19-20,
Report Required for: Assistant Executive Engineer,
T. Dasarahalli Sub Division, Dasarahalli Zone,
BBMP, Bangalore.
Name of the Agency/Contractor*: Sri. Umesh. N, Bangalore.

PHYSICAL TESTS ON CEMENT

Grade * : 53,
Type * : O.P.C

TABLE 1.1:

SL No	Name of Test	Test Results	Requirements as per IS 8112-1989
1	Initial setting time	**169 min**	Shall not be less than 30 min
2	Final setting time	**270 min**	Shall not be more than 600 min
3	Fineness (by dry sieving on IS 90 micron sieve)	**1.99 %**	Not to exceed 10.0%
4	Soundness test(by Le-Chatelier's method)	**1.76 mm**	Shall not be more than 10 mm
5	Compressive strength b) 3 days (average of three results)	**28.76 N/Sq mm**	Shall not be less than 27 N/Sqmm

For Newzen Consultants Bangalore
Proprietor

NEWZEN CONSULTANT BANGALORE, #13,10TH MAIN ROAD 2ND CROSS JNANAJYOTHI NAGARA,
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NEWZEN CONSULTANT BANGALORE

NC/PMC/PD/MW-13/2018-19/AS-PCC2

Date: 13-12-2019

1. TESTING OF COARSE AND FINE AGGREGATES:

Sub: Testing of Coarse and Fine aggregates to be used for M-10 grade concrete .
{Project*: Improvements of CC drains & Covering Slab KK road 2nd and 3rd cross Dasarahalli Ward No-15.}
Ref.: Material testing/PMC/19-20,
Report Required for: Assistant Executive Engineer,
T. Dasarahalli Sub Division. Dasarahalli Zone,
BBMP, Bangalore.
Name of the Agency/Contractor*: Sri. Umesh. N, Bangalore.

1. COARSE AGGRGATES Table - SIEVE ANALYSIS :

IS Sieve Size, mm	Percentage passing	Requirements as per IS 383-1970 (Reaffirmed on 2007) % Passing	
	40 mm Sample	Single size	Graded
40mm	98.30	85-100	95 – 100
20mm	62.85	0 -20	30- 70
10mm	14.75	0 -5	10- 35
4.75mm	4.25	------	0- 5

2. FINE AGGREGATES TABLE - SIEVE ANALYSIS :

IS Sieve Size, mm	Percentage Passing	Specification as Per IS: 383-1970(Reaffirmed 2002) Percentage Passing			Remarks
		Zone-I	Zone-II	Zone –III	
04.75	98.05	90-100	90-100	90-100	The Sample Conforms to Grading **Zone-II**
02.36	85.65	60-95	75-100	85-100	
01.18	68.20	30-70	55-90	75-100	
600. mic	51.40	15-34	35-59	60-79	
300.mic	24.95	5-20	8-30	12-40	
150.mic	7.10	0-10	0-10	0-10	

For Newzen Consultants Bangalore

Proprietor

NEWZEN CONSULTANT BANGALORE, #13,10TH MAIN ROAD 2ND CROSS JNANAJYOTHI NAGARA,
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NC/PMC/PD/MW-13/2018-19/AS-C3 Date: 18-12-2019

1. TEST REPORT ON CEMENT:

Sub: Testing of 53 Grade Cement Sample (IS 12269-1987).

{Project*: Improvements of CC drains & Covering Slab KK road 2nd and 3rd cross Dasarahalli Ward No-15.}

Ref.: Material testing/PMC/19-20.

Report Required for: Assistant Executive Engineer,
T. Dasarahalli Sub Division, Dasarahalli Zone,
BBMP, Bangalore.

Name of the Agency/Contractor*: Sri. Umesh. N, Bangalore.

PHYSICAL TESTS ON CEMENT

Grade * : 53,
Type * : O.P.C

TABLE 1.1:

SL No	Name of Test	Test Results	Requirements as per IS 8112-1989
1	Initial setting time	**169 min**	Shall not be less than 30 min
2	Final setting time	**275 min**	Shall not be more than 600 min
3	Fineness (by dry sieving on IS 90 micron sieve)	**1.79 %**	Not to exceed 10.0%
4	Soundness test(by Le-Chatelier's method)	**1.92 mm**	Shall not be more than 10 mm
5	Compressive strength c) 3 days (average of three results)	**28.21 N/Sq mm**	Shall not be less than 27 N/Sqmm

For Newzen Consultants Bangalore
Proprietor

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NC/PMC/PD/MW-13/2018-19/AS-FA1 Date: 18-12-2019

1. TESTING OF FINE AGGREGATES :

Sub: Testing of Fine Aggregates.

{Project*: Improvements of CC drains & Covering Slab KK road 2nd and 3rd cross Dasarahalli Ward No-15.}

Ref.: Material testing/PMC/19-20.

Report Required for: Assistant Executive Engineer,
T. Dasarahalli Sub Division, Dasarahalli Zone,
BBMP, Bangalore.

Name of the Agency/Contractor*: Sri. Umesh. N, Bangalore.

TABLE - 1.1 : SIEVE ANALYSIS :

IS Sieve Size.mm	Percentage Passing	Specification as Per IS: 383-1970(Reaffirmed 2002) Percentage Passing			Remarks
		Zone-I	Zone-II	Zone -II	
04.75	**97.55**	90-100	90-100	90-100	The Sample Conforms to Grading **Zone-II**
02.36	**81.90**	60-95	75-100	85-100	
01.18	**74.25**	30-70	55-90	75-100	
600. mic	**39.40**	15.34	35-59	60-79	
300.mic	**20.70**	5-20	8-30	12-40	
150.mic	**6.95**	0-10	0-10	0-10	

TABLE 1.2 ;

Sl No	Test Conducted	Sample	Results	Requirements as Per IS. Specification IS :383-1970 (Reaffirmed 2002)
1	Bulking of Sand	001	**18.31 %**	-----
2	Silt Content	----	**0.62 %**	Not more than 8%
3	Specific Gravity	----	**2.61**	-------

Page No. 1/1,

For Newzen Consultants Bangalore

Proprietor

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NC/PMC/PD/MW-13/2018-19/AS-CA1 **Date: 18-12-2019**

1. TESTING OF COARSE AGGREGATES (20 mm):

Sub: Testing of Construction Materials.

{Project*: Improvements of CC drains & Covering Slab KK road 2nd and 3rd cross Dasarahalli Ward No-15.}

Ref.: Material testing/PMC/19-20.

Report Required for: Assistant Executive Engineer,
T. Dasarahalli Sub Division, Dasarahalli Zone,
BBMP, Bangalore.

Name of the Agency/Contractor*: Sri. Umesh. N, Bangalore.

Table - 1.1 : SIEVE ANALYSIS :

IS Sieve Size, mm	Percentage passing	Requirements as per IS 383-1970 (Reaffirmed on 2002) % Passing	
	20 mm Sample	Single size	Graded
40 mm	100.00	100.00	100.00
20 mm	96.10	85-100	90 - 100
10 mm	51.65	0 - 20	25 - 55
4.75 mm	3.45	0 - 5	0 - 10

TABLE 1.2 :

SL No	Test conducted	Results	Requirements as per IS:383-1970 & Tests Conforms to IS 2386(Part I to IV) – 1963 (Reaffirmed on 2002)
1.	Flakiness Index	26.49 %	Not to exceed 25 %
2.	Crushing value	29.31 %	Not to exceed 45 % for concrete other than for wearing surfaces and 30% for concrete for wearing surfaces

For Newzen Consultants Bangalore

Proprietor

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NC/PMC/PD/MW-13/2018-19/AS-S1

Date: 18-12-2019

1. TEST REPORT ON REINFORCEMENT STEEL:

Sub: Testing of Reinforcement Steel of diameter 8. 10 and 12 mm **TMT Steel.**
{Project*: Improvements of CC drains & Covering Slab KK road 2nd and 3rd cross Dasarahalli Ward No-15.}
Ref.: Material testing/PMC/19-20,
Report Required for: Assistant Executive Engineer,
T. Dasarahalli Sub Division, Dasarahalli Zone,
BBMP, Bangalore.
Name of the Agency/Contractor*: Sri. Umesh. N, Bangalore.

TABLE – 1

SL No	Details	For 8 mm		For 10 mm	
		Test Results	Min Req. as per IS 1786-2008	Test Results	Min Req. as per IS 1786-2008
01	Observed diameter of bar	**8.0 mm**	8.0 mm	**10.0 mm**	10.0 mm
02	Observed Wt/m Length **Kg/m**	**0.392**	0.363	**0.621**	0.567
03	Proof stress/Yield stress, fy , **N/mm^2**	**532.0**	500.0	**541.0**	500.0
04	Bend/ Re bend Test	**Ok**	---	**Ok**	---
05	Percentage of Elongation, %	**21.40**	16.00	**20.70**	16.00
06	Ultimate Tensile Strength **N/mm^2**	**624.0**	565.0	**633.0**	565.0

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For Newzen Consultants Bangalore
Proprietor

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Date: 18-12-2019

TABLE – 2

SL No	Details	For 12 mm	
		Test Results	Min Req. as per IS 1786-2008
01	Observed diameter of bar	**12.0 mm**	12.0 mm
02	Observed Wt/m Length **Kg/m**	**0.894**	0.834
03	Proof stress/Yield stress, fy . **N/mm²**	**559.0**	500.0
04	Bend/ Re bend Test	**Ok**	---
05	Percentage of Elongation, %	**20.80**	16.00
06	Ultimate Tensile Strength **N/mm²**	**639.0**	565.0

For Newzen Consultants Bangalore

Proprietor

NEWZEN CONSULTANT BANGALORE, #13,10TH MAIN ROAD 2ND CROSS JNANAJYOTHI NAGARA,
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NC/PMC/PD/MW-13/2018-19/AS-CB1 Date: 27-12-2019

1. TEST REPORT ON CEMENT CONCRETE CUBES:

Sub: Testing of Concrete Cubes (for 07days Compressive Strength).

{Project*: Improvements of CC drains & Covering Slab KK road 2nd and 3rd cross Dasarahalli Ward No-15.}

Ref.: Material testing/PMC/19-20,

Report Required for: Assistant Executive Engineer,
T. Dasarahalli Sub Division, Dasarahalli Zone,
BBMP, Bangalore.

Name of the Agency/Contractor*: Sri. Umesh. N, Bangalore.

RESULTS OF COMPRESSIVE STRENGTH ON CEMENT CONCRETE CUBE SPECIMENS

Dimensions of Specimen : 150 X 150 X 150mm

Grade of Concrete* : M_{20}

TABLE 1.1:

Sl No	Location/ Identification*	Date of Casting*	Date of Testing	Age in Days	C/S Area in mm^2	Maximum Load in K.N	Compressive Strength (N/mm^2)	Avg. Value
1	001	20-12-19	27-12-19	07	22500	365	16.22	**16.37**
	002	"	"	"	"	380	16.89	
	003	"	"	"	"	360	16.00	

For Newzen Consultants Bangalore

Proprietor

NEWZEN CONSULTANT BANGALORE, #13,10TH MAIN ROAD 2ND CROSS JNANAJYOTHI NAGARA,
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NC/PMC/PD/MW-13/2018-19/AS-CB2

Date: 30-12-2019

1. TEST REPORT ON CEMENT CONCRETE CUBES:

Sub: Testing of Concrete Cubes (for 07days Compressive Strength).
{Project*: Improvements of CC drains & Covering Slab KK road 2nd and 3rd cross Dasarahalli Ward No-15.}
Ref.: Material testing/PMC/19-20,
Report Required for: Assistant Executive Engineer.
T. Dasarahalli Sub Division, Dasarahalli Zone,
BBMP. Bangalore.
Name of the Agency/Contractor*: Sri. Umesh. N, Bangalore.

RESULTS OF COMPRESSIVE STRENGTH ON CEMENT CONCRETE CUBE SPECIMENS

Dimensions of Specimen : 150 X 150 X 150mm

Grade of Concrete* : M_{20}

TABLE 1.1:

Sl No	Location/ Identification*	Date of Casting*	Date of Testing	Age in Days	C/S Area in mm^2	Maximum Load in K.N	Compressive Strength (N/mm^2)	Avg. Value
1	001	23-12-19	30-12-19	07	22500	370	16.44	**16.52**
	002	"	"	"	"	360	16.00	
	003	"	"	"	"	385	17.11	

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For Newzen Consultants Bangalore

Proprietor

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NC/PMC/PD/MW-13/2018-19/AS-CB3

Date: 31-12-2019

1. TEST REPORT ON CEMENT CONCRETE CUBES:

Sub: Testing of Concrete Cubes (for 07days Compressive Strength).
{Project*: Improvements of CC drains & Covering Slab KK road 2nd and 3rd cross Dasarahalli Ward No-15.}
Ref.: Material testing/PMC/19-20.
Report Required for: Assistant Executive Engineer,
T. Dasarahalli Sub Division, Dasarahalli Zone,
BBMP, Bangalore.
Name of the Agency/Contractor*: Sri. Umesh. N, Bangalore.

RESULTS OF COMPRESSIVE STRENGTH ON CEMENT CONCRETE CUBE SPECIMENS

Dimensions of Specimen : 150 X 150 X 150mm

Grade of Concrete* : M_{20}

TABLE 1.1:

Sl No	Location/ Identification*	Date of Casting*	Date of Testing	Age in Days	C/S Area in mm^2	Maximum Load in K.N	Compressive Strength (N/mm^2)	Avg. Value
1	001	24-12-19	31-12-19	07	22500	365	16.22	**16.74**
	002	"	"	"	"	385	17.11	
	003	"	"	"	"	380	16.89	

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Page No. 1/1,

For Newzen Consultants Bangalore

Proprietor

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NC/PMC/PD/MW-13/2018-19/AS-CB4 **Date: 02-01-2020**

1. TEST REPORT ON CEMENT CONCRETE CUBES:

Sub: Testing of Concrete Cubes (for 07days Compressive Strength).

{Project*: Improvements of CC drains & Covering Slab KK road 2nd and 3rd cross Dasarahalli Ward No-15.}

Ref.: Material testing/PMC/19-20.

Report Required for: Assistant Executive Engineer,
T. Dasarahalli Sub Division, Dasarahalli Zone,
BBMP, Bangalore.

Name of the Agency/Contractor*: Sri. Umesh. N, Bangalore.

RESULTS OF COMPRESSIVE STRENGTH ON CEMENT CONCRETE CUBE SPECIMENS

Dimensions of Specimen : 150 X 150 X 150mm

Grade of Concrete* : M_{20}

TABLE 1.1:

Sl No	Location/ Identification*	Date of Casting*	Date of Testing	Age in Days	C/S Area in mm^2	Maximum Load in K.N	Compressive Strength (N/mm^2)	Avg. Value
1	001	26-12-19	02-01-20	07	22500	370	16.44	16.44
	002	"	"	"	"	365	16.22	
	003	"	"	"	"	375	16.67	

Page No. 1/1,

For Newzen Consultants Bangalore

Proprietor

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NC/PMC/PD/MW-13/2018-19/AS-CB1A

Date: 17-12-2020

1. TEST REPORT ON CEMENT CONCRETE CUBES:

Sub: Testing of Concrete Cubes (for 28days Compressive Strength).
{Project*: Improvements of CC drains & Covering Slab KK road 2nd and 3rd cross Dasarahalli Ward No-15.}
Ref.: Material testing/PMC/19-20,
Report Required for: Assistant Executive Engineer,
T. Dasarahalli Sub Division, Dasarahalli Zone,
BBMP. Bangalore.
Name of the Agency/Contractor*: Sri. Umesh. N, Bangalore.

RESULTS OF COMPRESSIVE STRENGTH ON CEMENT CONCRETE CUBE SPECIMENS

Dimensions of Specimen : 150 X 150 X 150mm

Grade of Concrete* : M_{20}

TABLE 1.1:

Sl No	Location/ Identification*	Date of Casting*	Date of Testing	Age in Days	C/S Area in mm^2	Maximum Load in K.N	Compressive Strength (N/mm^2)	Avg. Value
1	001	20-12-19	17-01-20	28	22500	500	22.22	**22.15**
	002	"	"	"	"	510	22.67	
	003	"	"	"	"	485	21.56	

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ಜ. ದಾಸರಹಳ್ಳಿ
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ಬೆಂಗಳೂರು 560073.

For Newzen Consultants Bangalore
Proprietor

NEWZEN CONSULTANT BANGALORE, #13,10TH MAIN ROAD 2ND CROSS JNANAJYOTHI NAGARA,
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NC/PMC/PD/MW-13/2018-19/AS-CB2A

Date: 20-01-2020

1. TEST REPORT ON CEMENT CONCRETE CUBES:

Sub: Testing of Concrete Cubes (for 28days Compressive Strength).

{Project*: Improvements of CC drains & Covering Slab KK road 2nd and 3rd cross Dasarahalli Ward No-15.}

Ref.: Material testing/PMC/19-20,

Report Required for: Assistant Executive Engineer,
T. Dasarahalli Sub Division, Dasarahalli Zone,
BBMP, Bangalore.

Name of the Agency/Contractor*: Sri. Umesh. N, Bangalore.

RESULTS OF COMPRESSIVE STRENGTH ON CEMENT CONCRETE CUBE SPECIMENS

Dimensions of Specimen : 150 X 150 X 150mm

Grade of Concrete* : M_{20}

TABLE 1.1:

Sl No	Location/ Identification*	Date of Casting*	Date of Testing	Age in Days	C/S Area in mm^2	Maximum Load in K.N	Compressive Strength (N/mm^2)	Avg. Value
1	001	23-12-19	20-01-20	28	22500	505	22.44	**22.30**
	002	"	"	"	"	490	21.78	
	003	"	"	"	"	510	22.67	

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ಬೆಂಗಳೂರು 560073.

For Newzen Consultants Bangalore

Proprietor

NEWZEN CONSULTANT BANGALORE, #13,10TH MAIN ROAD 2ND CROSS JNANAJYOTHI NAGARA,
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NEWZEN CONSULTANT BANGALORE

NC/PMC/PD/MW-13/2018-19/AS-CB3A

Date: 21-01-2020

1. TEST REPORT ON CEMENT CONCRETE CUBES:

Sub: Testing of Concrete Cubes (for 28days Compressive Strength).

{Project*: Improvements of CC drains & Covering Slab KK road 2nd and 3rd cross Dasarahalli Ward No-15.}

Ref.: Material testing/PMC/19-20.

Report Required for: Assistant Executive Engineer,
T. Dasarahalli Sub Division, Dasarahalli Zone,
BBMP, Bangalore.

Name of the Agency/Contractor*: Sri. Umesh. N. Bangalore.

RESULTS OF COMPRESSIVE STRENGTH ON CEMENT CONCRETE CUBE SPECIMENS

Dimensions of Specimen : 150 X 150 X 150mm

Grade of Concrete* : M_{20}

TABLE 1.1:

Sl No	Location/ Identification*	Date of Casting*	Date of Testing	Age in Days	C/S Area in mm^2	Maximum Load in K.N	Compressive Strength (N/mm^2)	Avg. Value
1	001	24-12-19	21-01-20	28	22500	495	22.00	**22.37**
	002	"	"	"	"	515	22.89	
	003	"	"	"	"	500	22.22	

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NC/PMC/PD/MW-13/2018-19/AS-CB4A

Date: 23-01-2020

1. TEST REPORT ON CEMENT CONCRETE CUBES:

Sub: Testing of Concrete Cubes (for 28days Compressive Strength).
{Project*: Improvements of CC drains & Covering Slab KK road 2nd and 3rd cross Dasarahalli Ward No-15.}
Ref.: Material testing/PMC/19-20.
Report Required for: Assistant Executive Engineer,
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Dimensions of Specimen : 150 X 150 X 150mm

Grade of Concrete* : M_{20}

TABLE 1.1:

Sl No	Location/ Identification*	Date of Casting*	Date of Testing	Age in Days	C/S Area in mm^2	Maximum Load in K.N	Compressive Strength (N/mm^2)	Avg. Value
1	001	26-12-19	23-01-20	28	22500	505	22.44	**22.07**
	002	"	"	"	"	485	21.56	
	003	"	"	"	"	500	22.22	

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